

**orion** AGRISCIENCE



**WARNING**

KEEP OUT OF REACH OF CHILDREN



**Release<sup>®</sup> KT**  
**HERBICIDE**

A selective herbicide for the control of grass and broadleaf weeds in RADIATA PINE

**Active Ingredient:**

425 g/litre of terbuthylazine and 75 g/litre of hexazinone in the form of a suspension concentrate

**STIR OR SHAKE WELL BEFORE USE**



9 421004 531610

**20 Litres**

## PLEASE READ THE LABEL COMPLETELY BEFORE USE

**HAZARD CLASSIFICATIONS:** Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1  
**WARNING: ECOTOXIC**

Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic organisms with long lasting effects. Very toxic to the soil environment.

**PRECAUTIONS:**

**HANDLING REQUIREMENTS:**

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area. Keep out of reach of children. Avoid contact with eyes and skin. Do not breathe in the spray mist. Do not eat, drink or smoke during use. Wash hands after use.

**STORAGE:** Store in the original tightly closed container in a secure area. Avoid sunlight and temperatures below -5°C and above 35°C. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

**PROTECTIVE EQUIPMENT:** When mixing or applying, wear chemical resistant overalls, boots, gloves, head covering and eye protection. Wear a respirator if spray mist could be inhaled. Clean protective equipment after use. Do not take contaminated equipment or clothing off site. Wash contaminated clothing before reuse.

**DISPOSAL:** Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

**ENVIRONMENTAL:** Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. In the event of spillage, exclude non-essential people from the area. Wear protective equipment and prevent from entering drains. Contain and collect spillage for disposal.

**First Aid**

If medical advice is needed, have product container or label at hand.

If swallowed: Seek medical advice if feeling unwell.

If on skin: Wash with plenty of soap and water. Seek medical advice if irritation occurs.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Seek medical advice if irritation persists. If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if feeling unwell.

For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.

**EMERGENCY RESPONSE:** In a transport emergency call **111, Police or Fire Brigade.** For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

**SPILLAGE**

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

**SAFETY DATA SHEET**

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit [www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)

Approved pursuant to the HSN0 Act 1996, No. HSR000492  
 See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

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Batch No.

Date of Manufacture

Release KT



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### GENERAL INFORMATION

Release KT is a selective herbicide for the control of grass and broadleaf weeds in radiata pine plantations, for use either preplanting or over newly planted "bare-rooted" trees.

**Weeds controlled include:** Barley grass, black nightshade, broom (seedling), browntop, catsear, chickweed, clovers, cocksfoot, doves foot, fathen, fireweed, gorse (seedling), nodding thistle, pampas (seedling), poa, ryegrass, scotch thistle, shepherds purse, storksbill, sweet vernal, tall fescue, willow weed, yorkshire fog, and other annual grasses and broadleaf weeds.

### NOT FOR USE ON FOOD OR ANIMAL FEED CROPS

### WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

### RESISTANCE MANAGEMENT

GROUP	5	HERBICIDE
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Release KT belong to group 5 herbicide that inhibits photosynthesis at photosystem II. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

### DIRECTIONS FOR USE

Apply with well-maintained and calibrated spray equipment.

**Broadcast:** 15 – 17.5 L of Release KT in 150 - 300 litres water per hectare.

**Spot Application:** Calibrate equipment carefully to deliver 1.5 – 2 mL of Release KT per square metre in sufficient water to gain good coverage. Treat 2 square metres (i.e. 1.6m diameter spot) around each tree.

**Spotgun:** Mix 110 mL of Release KT in 1 litre of water and apply 15 – 20 mL of the mixture per square metre.

**Knapsack:** Mix 55 mL of Release KT in 1 litre of water and apply 30 – 40 mL of the mixture per square metre.

Use the higher rates on seedling gorse, or tall, rank weed growth, or where a longer residual is required. The addition of a wetting agent is not required.

Apply prior to spring growth in September - October.

If necessary, a repeat application can be made 12 months later.

**Note:** For control of difficult to kill grasses like paspalum, kikuyu, couch or mercer grass, add Hurricane®.

### APPLICATION METHODS

Release KT is non-corrosive and almost non-abrasive and can be applied with conventional ground, spot and aerial methods. Do not use strainers finer than 300 micrometres. Wash equipment thoroughly after use.

### MIXING

As settling may occur during storage, stir or shake well before use. Add the required quantity to the spray tank partly filled with water, and maintain agitation through filling and spraying. Only mix sufficient spray solution for immediate use.

### COMPATIBILITY

Release KT is compatible with other herbicides commonly used in forestry.